

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT
APPLICATION TRANSMITTAL LETTER

Mail Stop PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Customer Number 2 1 8 3 9

Sir:

Enclosed for filing is the utility patent application entitled:

APPARATUS AND METHOD FOR ENHANCING QUALITY OF REPRODUCED IMAGE



by the following named inventor(s):

Hye-yeon KIM, Shi-hwa LEE, Dae-sung CHO, Woo-shik KIM and Sang-jo LEE

☒ Applicant(s) suggests Figure 2 for inclusion on the front page of the patent application publication and patent.

☒ Applicant(s) requests that the published application include the following assignment information:
SAMSUNG ELECTRONICS CO., LTD., Kyungki-do, Republic of Korea

☐ Small entity status is claimed.

Also enclosed are:

DRAWINGS: 10 sheets of formal drawings _____ sheets of informal drawings

DECLARATION: ☐ will follow ☒ executed, is enclosed ☐ unexecuted, is enclosed

ASSIGNMENT: ☒ is enclosed ☐ will follow

CLAIM FOR
PRIORITY
UNDER 35 U.S.
C. § 119 and/or
365:

☒ is made in the declaration ☐ is hereby made as follows

| | | |
|----------------------------|-----------------------|---|
| Country: Republic of Korea | Appl. No.: 2002-84088 | Filing Date: 26-12-02 ^{dd-mm-yy} |
| Country: | Appl. No.: | Filing Date: |
| Country: | Appl. No.: | Filing Date: |
| Country: | Appl. No.: | Filing Date: |

☒ certified copy(ies) enclosed ☐ certified copy(ies) will follow

OTHER PAPERS: ☒ a General Authorization for Petitions for Extensions of Time and Payment of Fees
☐ an Information Disclosure Statement
☒ an Application Data Sheet (ADS)
☒ Preliminary Amendment

☒ The filing fee has been calculated as follows ☒ and in accordance with the enclosed preliminary amendment:

| CLAIMS | | | | | |
|--|------------------|------------|--------------|--------------------|-------------|
| | No. of Claims | | Extra Claims | Rate | Fee |
| Basic Application Fee (1001) | | | | | \$ 770.00 |
| Total Claims | 75 | MINUS 20 = | 55 | x \$18.00 (1202) = | \$ 990.00 |
| Independent Claims | 10 | MINUS 3 = | 7 | x \$86.00 (1201) = | \$ 602.00 |
| If multiple dependent claims are presented, add \$290.00 (1203) | | | | | |
| Total Application Fee | | | | | \$ 2,362.00 |
| <input type="checkbox"/> Small Entity Status claimed - subtract 50% of Total Application Fee | | | | | \$ 0.00 |
| Add Assignment Recording Fee of \$40.00 (8021) if Assignment document is enclosed. | | | | | \$ 40.00 |
| TOTAL APPLICATION FEE DUE | | | | | \$ 2,402.00 |

- ☐ This application is being filed without a filing fee. Issuance of a Notice to File Missing Parts of Application is respectfully requested.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☒ A check in the amount of \$ 2,402.00 is enclosed for the fee due.

- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Please address all correspondence concerning this application to:

Burns, Doane, Swecker & Mathis, L.L.P.
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Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Filed: November 21, 2003

By



Charles F. Wieland III
Registration No. 33,096

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Hye-yeon KIM et al

Application No.: Unassigned

Filing Date: November 21, 2003

Title: APPARATUS AND METHOD FOR ENHANCING QUALITY OF REPRODUCED IMAGE

Group Art Unit: Unassigned

Examiner: Unassigned

Confirmation No.: Unassigned

**GENERAL AUTHORIZATION FOR PETITIONS
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES**

Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

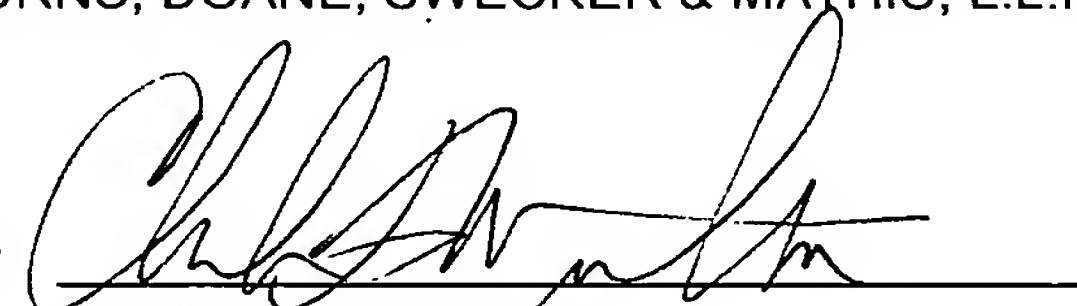
Respectfully submitted,

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